

# How Can You Tell Var Winkle's Trousers?

Cross out the letter pair next to each correct solution.

For each letter pair you DON'T cross out, write the upper case letter in the box containing the lower case letter.

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t
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|---|--|--|--|-------------------------|-------------------------|
| <b>1</b> $7n \geq 28$   | <b>2</b> $-7n > 28$  | <b>3</b> $n + 7 > 28$  | <b>4</b> $n - 7 < -28$   | <b>q.T</b> $n \leq 21$  | <b>f.C</b> $n < -4$     |
| <b>5</b> $-2y \leq 30$  | <b>6</b> $-2y \geq -30$  | <b>7</b> $2y < -30$  | <b>8</b> $y - 2 \geq 30$   | <b>n.O</b> $n \geq 4$   | <b>c.E</b> $n \geq -4$  |
|   |  |  |  | <b>b.V</b> $n < -21$    | <b>s.W</b> $n > 21$     |
| <b>9</b> $\frac{x}{4} \leq 9$   | <b>10</b> $-\frac{x}{4} > 9$   | <b>11</b> $-\frac{1}{4}x < -9$   | <b>12</b> $-4 + x > -9$  | <b>f.N</b> $y \leq 15$  | <b>a.L</b> $y < -15$    |
|   |  |  |  | <b>n.I</b> $y > 15$     | <b>h.Y</b> $y \geq -15$ |
|   |  |  |  | <b>k.G</b> $y \geq 32$  | <b>b.H</b> $y \leq -32$ |
| <b>13</b> $48 \geq 16k$   | <b>14</b> $48 \geq -16k$   | <b>15</b> $-\frac{1}{3}k > 16$   | <b>16</b> $-16 > -\frac{1}{3}k$  | <b>f.S</b> $x < 5$      | <b>t.D</b> $x > -5$     |
|   |  |  |  | <b>a.S</b> $x \leq 36$  | <b>s.E</b> $x \geq -36$ |
|   |  |  |  | <b>h.K</b> $x < -36$    | <b>e.B</b> $x > 36$     |
| <b>17</b> $-a \geq 23$  | <b>18</b> $-a - 5 < 18$  | <b>19</b> $-\frac{2}{5}a \geq 18$  | <b>20</b> $5 - a > -18$  | <b>h.E</b> $k \geq -3$  | <b>a.T</b> $k > -48$    |
|   |  |  |  | <b>e.F</b> $k > 48$     | <b>o.R</b> $k < -48$    |
|   |  |  |  | <b>k.I</b> $k > 3$      | <b>j.P</b> $k \leq 3$   |
| <b>21</b> The sum of $x$ and 8 is less than 72. Find all possible values of $x$ . | <b>22</b> The product of $x$ and $-8$ is more than 72. What are all possible values of $x$ ? | <b>23</b> The product of $x$ and 8 is at least 72. Find all possible values of $x$ . | <b>24</b> The quotient of $n$ and $-7$ is no less than 12. Find all possible values of $n$ . | <b>o.N</b> $x > 80$     | <b>g.T</b> $x \geq 9$   |
|   |  |  |  | <b>m.S</b> $x < 64$     | <b>j.R</b> $x \geq -64$ |
|   |  |  |  | <b>e.E</b> $x \geq -9$  | <b>r.E</b> $x < -9$     |
|   |  |  |  | <b>r.H</b> $n < -19$    | <b>d.R</b> $n \geq 84$  |
|   |  |  |  | <b>p.S</b> $n \leq 19$  | <b>i.T</b> $n \geq -19$ |
|   |  |  |  | <b>m.R</b> $n \leq -84$ | <b>l.P</b> $n > 19$     |